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1 Field					
SF 1		SF 2		SF 3	
Address	Sustain = 16	Address	8	4	2
Input luminance =16					
Input luminance =15					

**Figure 1**

Sustains per subfield	Field										
	1	2	5	10	18	28	42	60	83	111	
Number of Combinations											Output luminance
0											
1	1										1
2	1	2									3
3	1	2	5								8
4	1	2	5	10							18
5	1	2	5	10	18						36
6	1	2	5	10	18	28					64
7	1	2	5	10	18	28	42				106
8	1	2	5	10	18	28	42	60			166
9	1	2	5	10	18	28	42	60	83		249
10	1	2	5	10	18	28	42	60	83	111	360

**Figure 2**

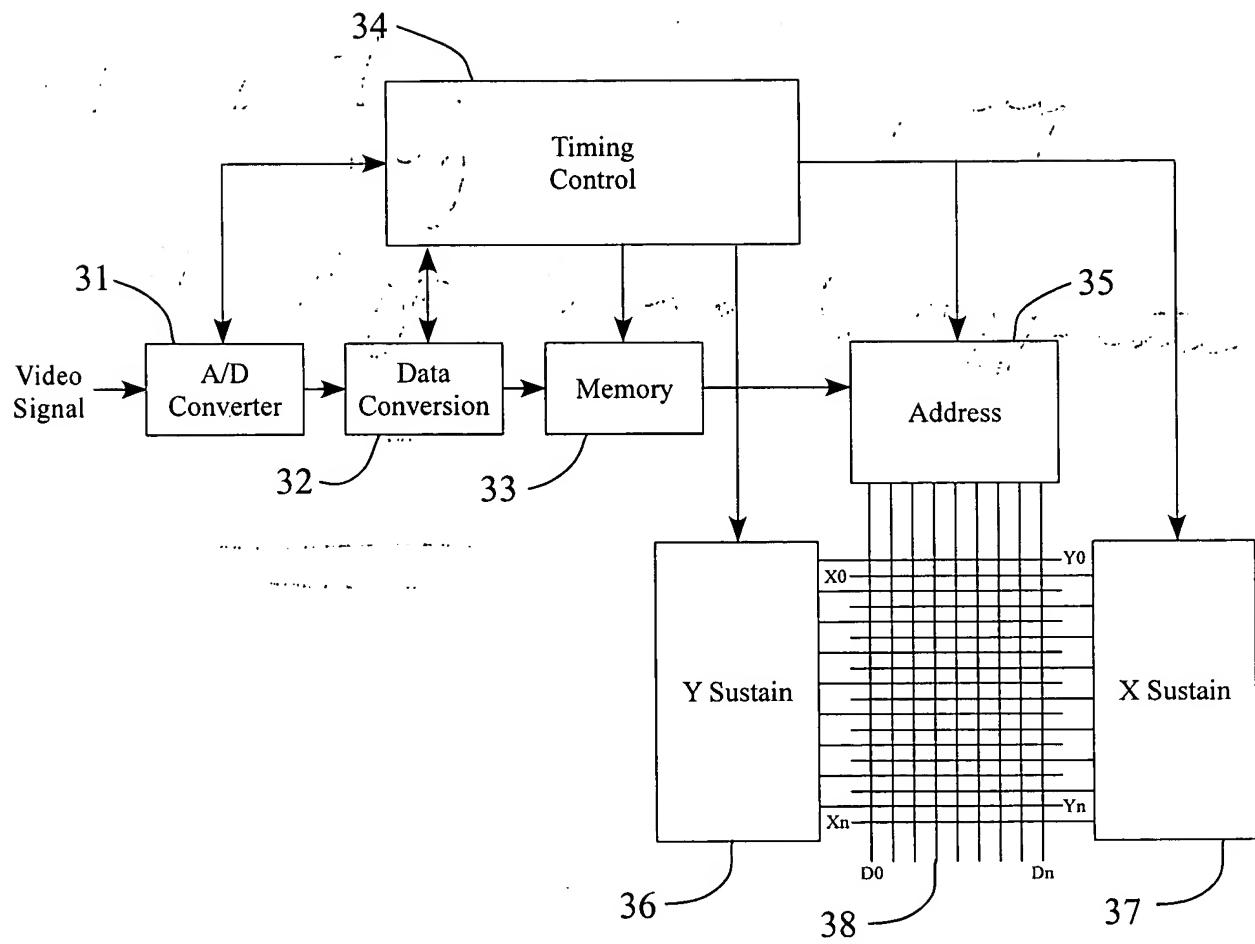


Figure 3

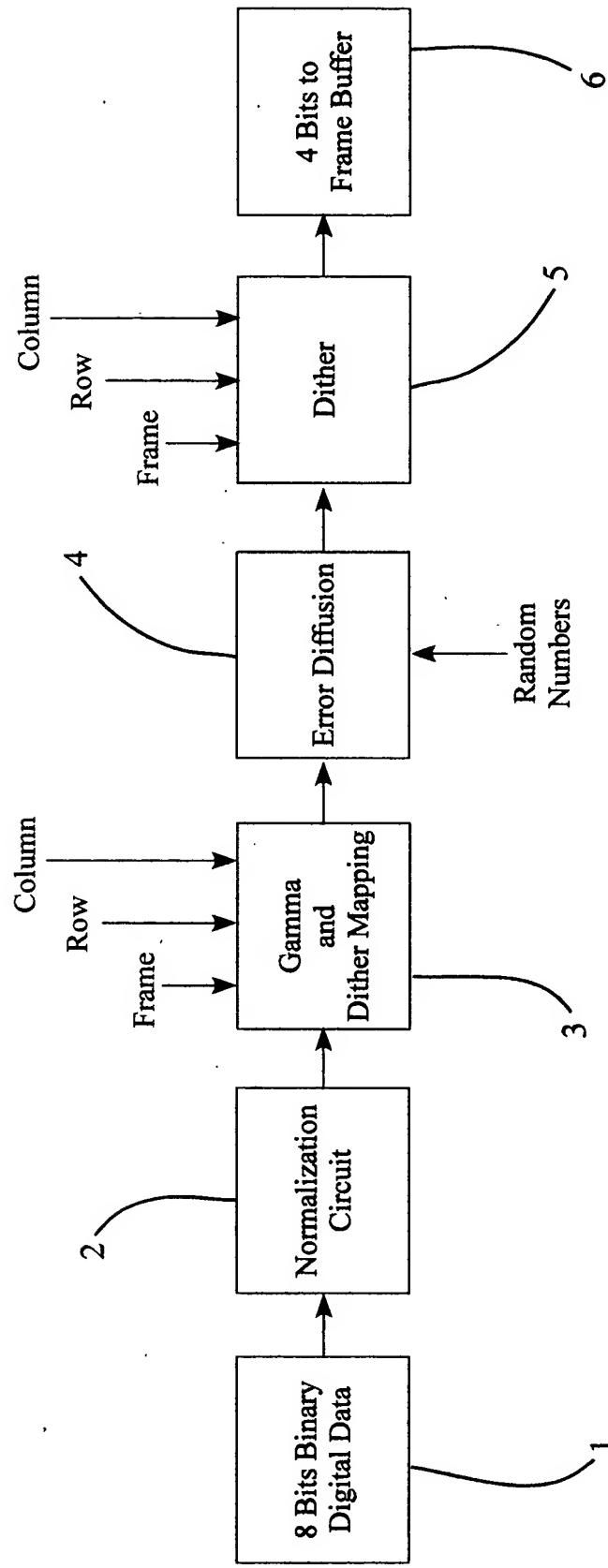
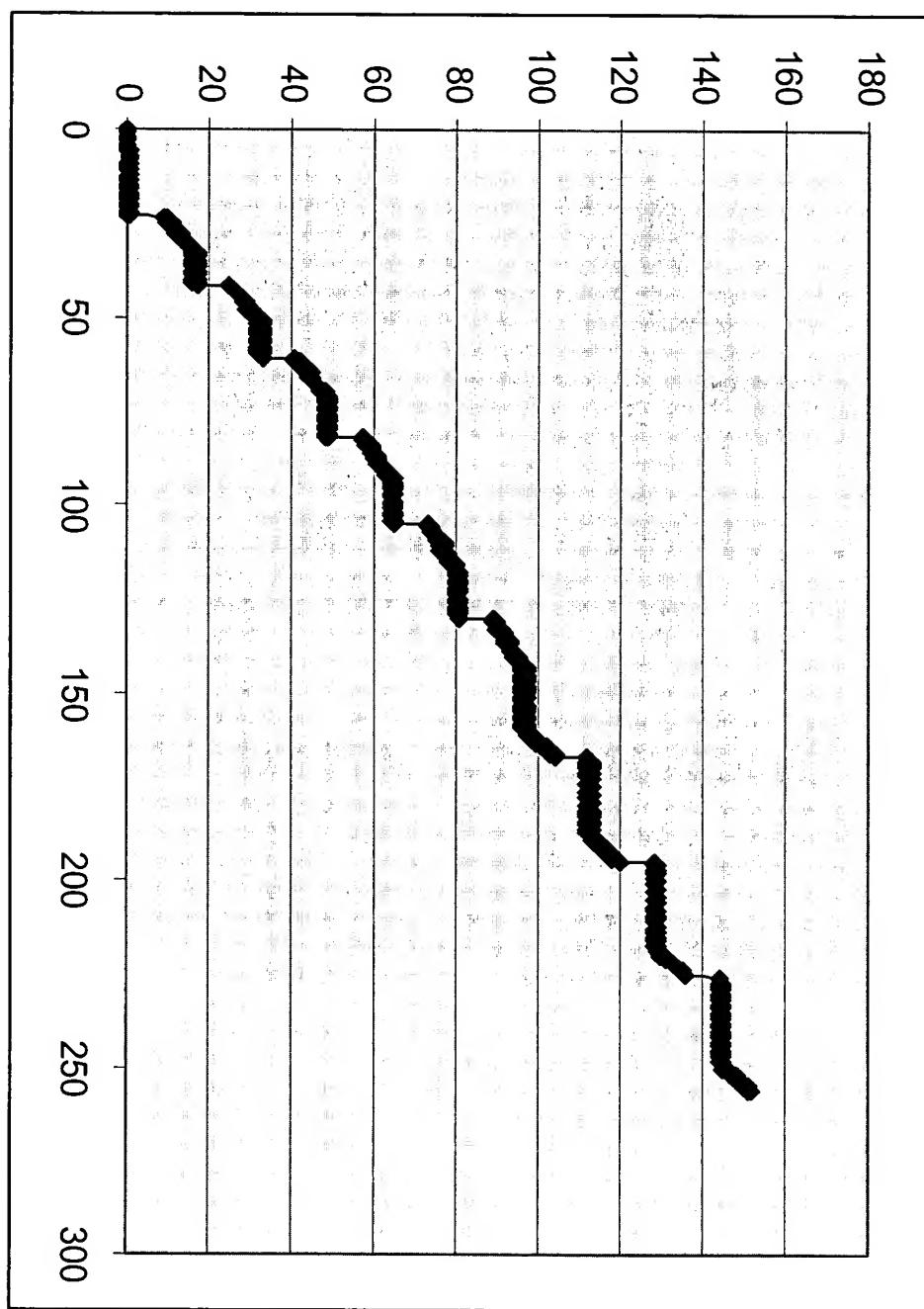
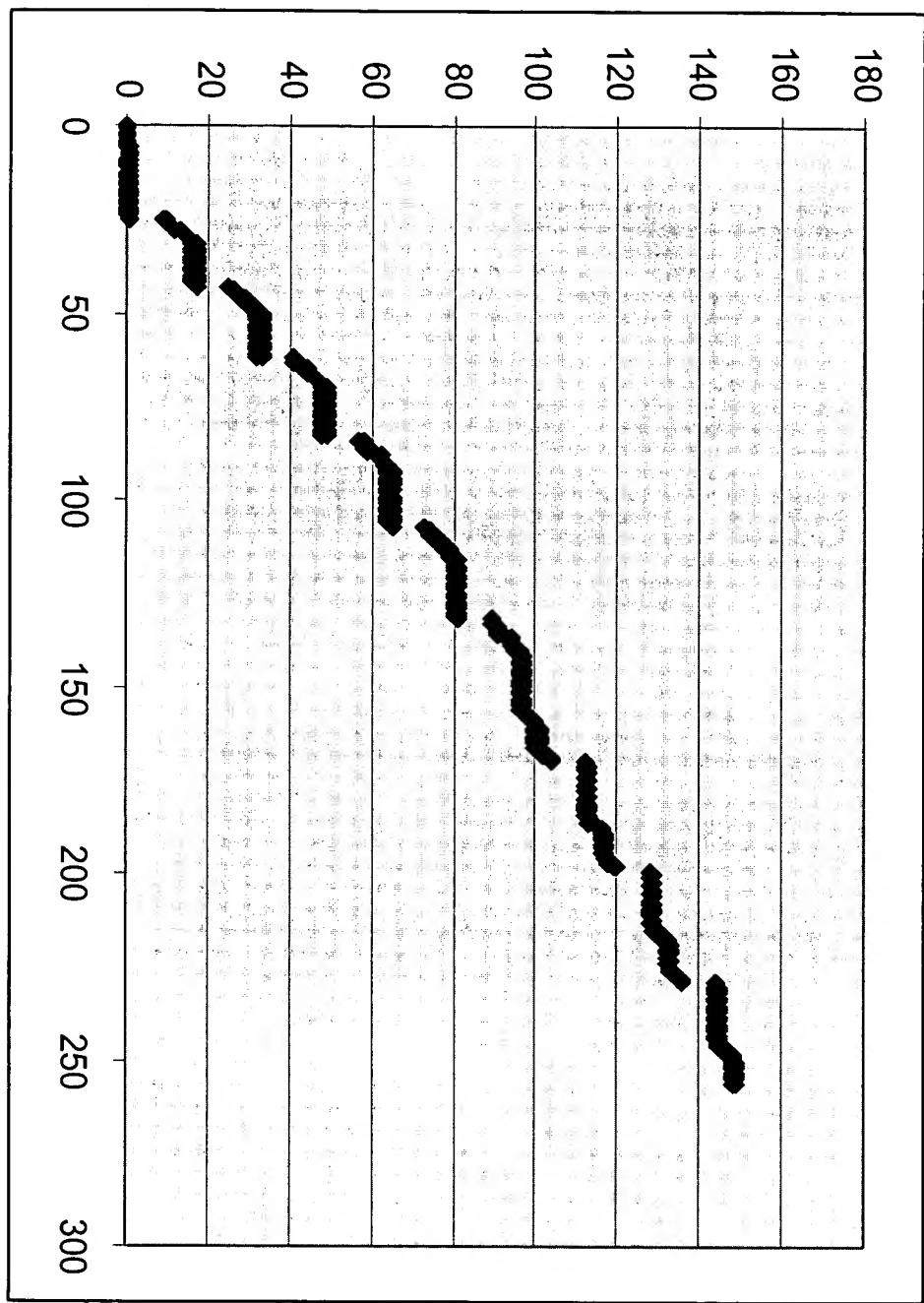


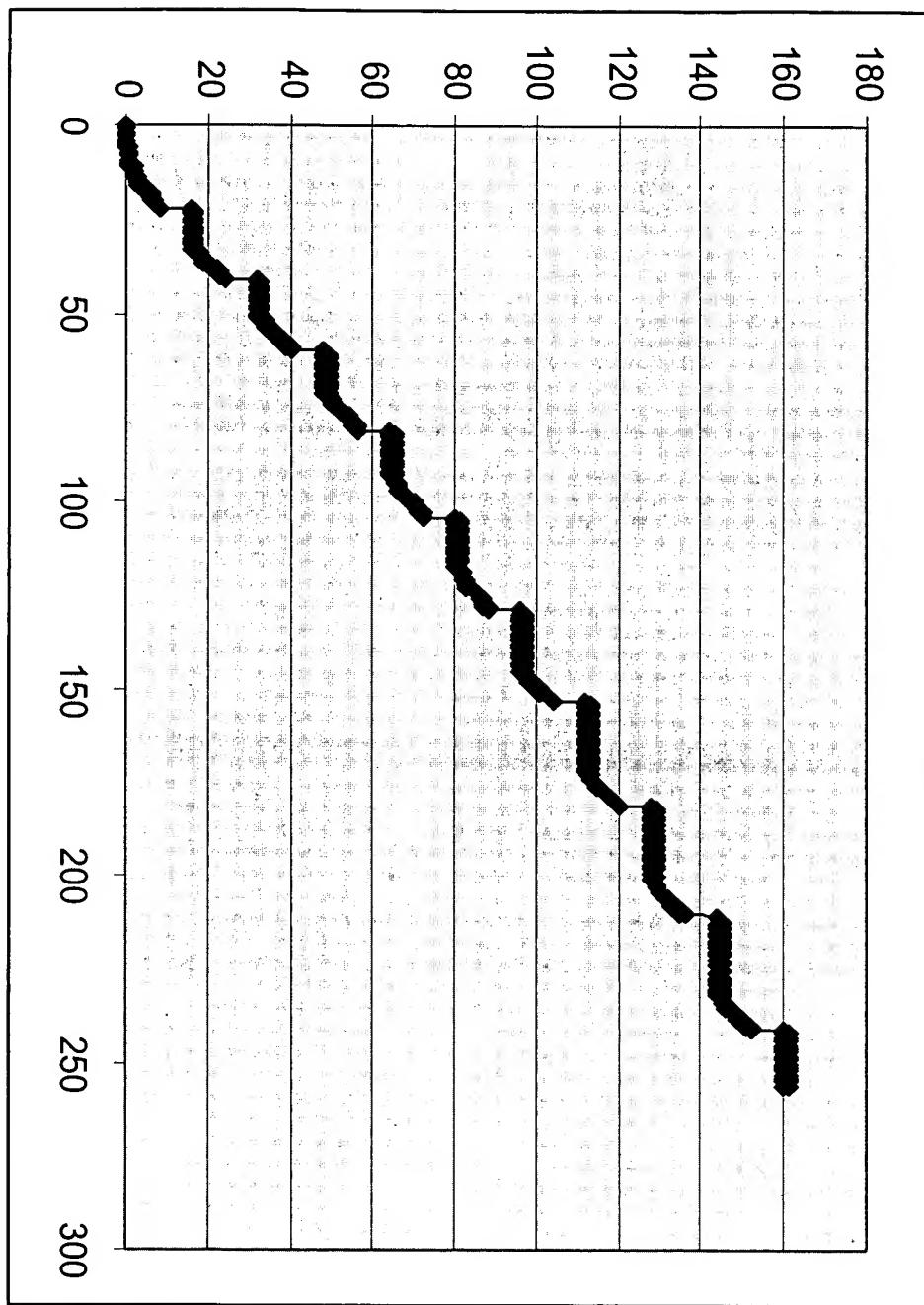
Figure 4



**Figure 5a**

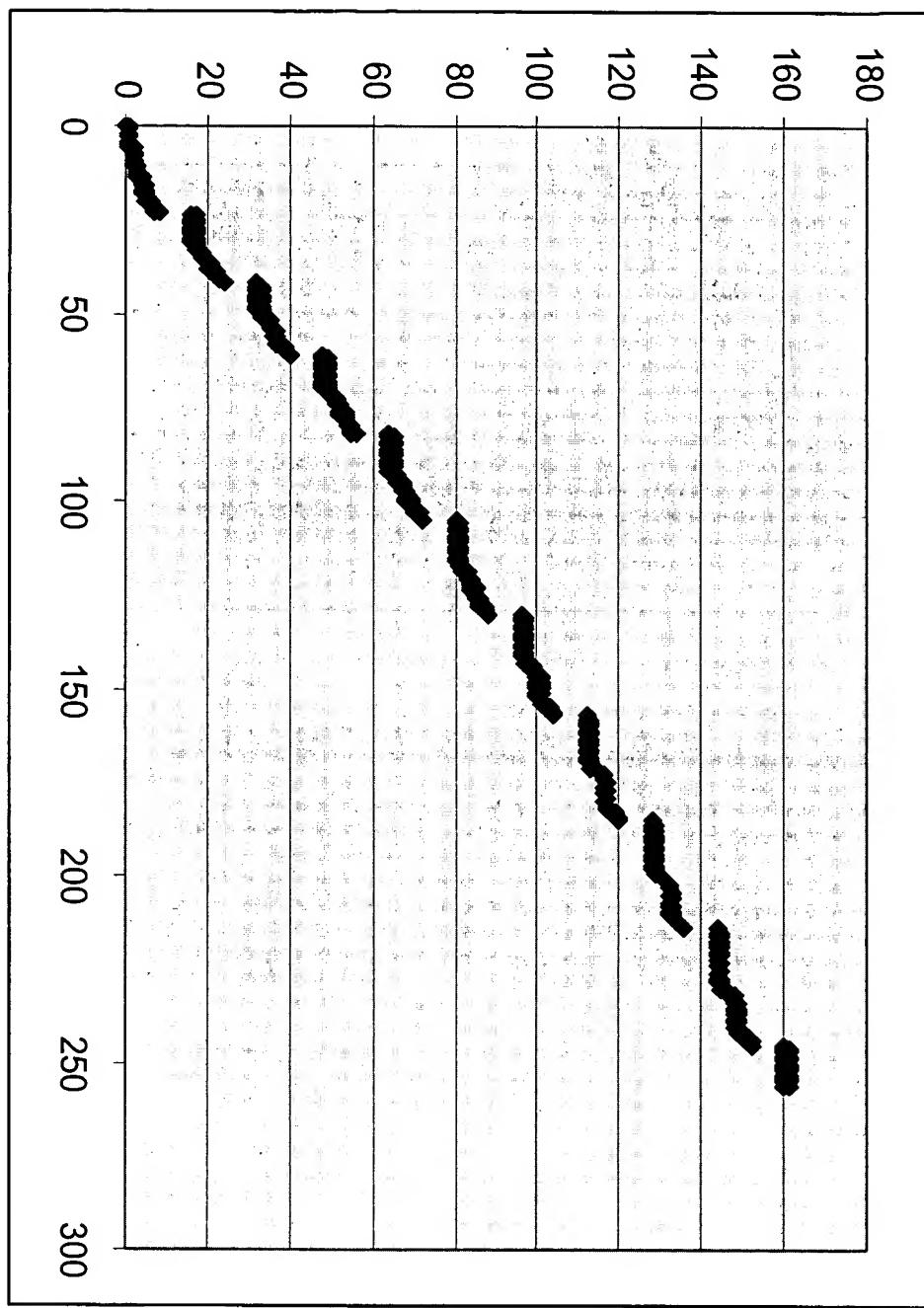


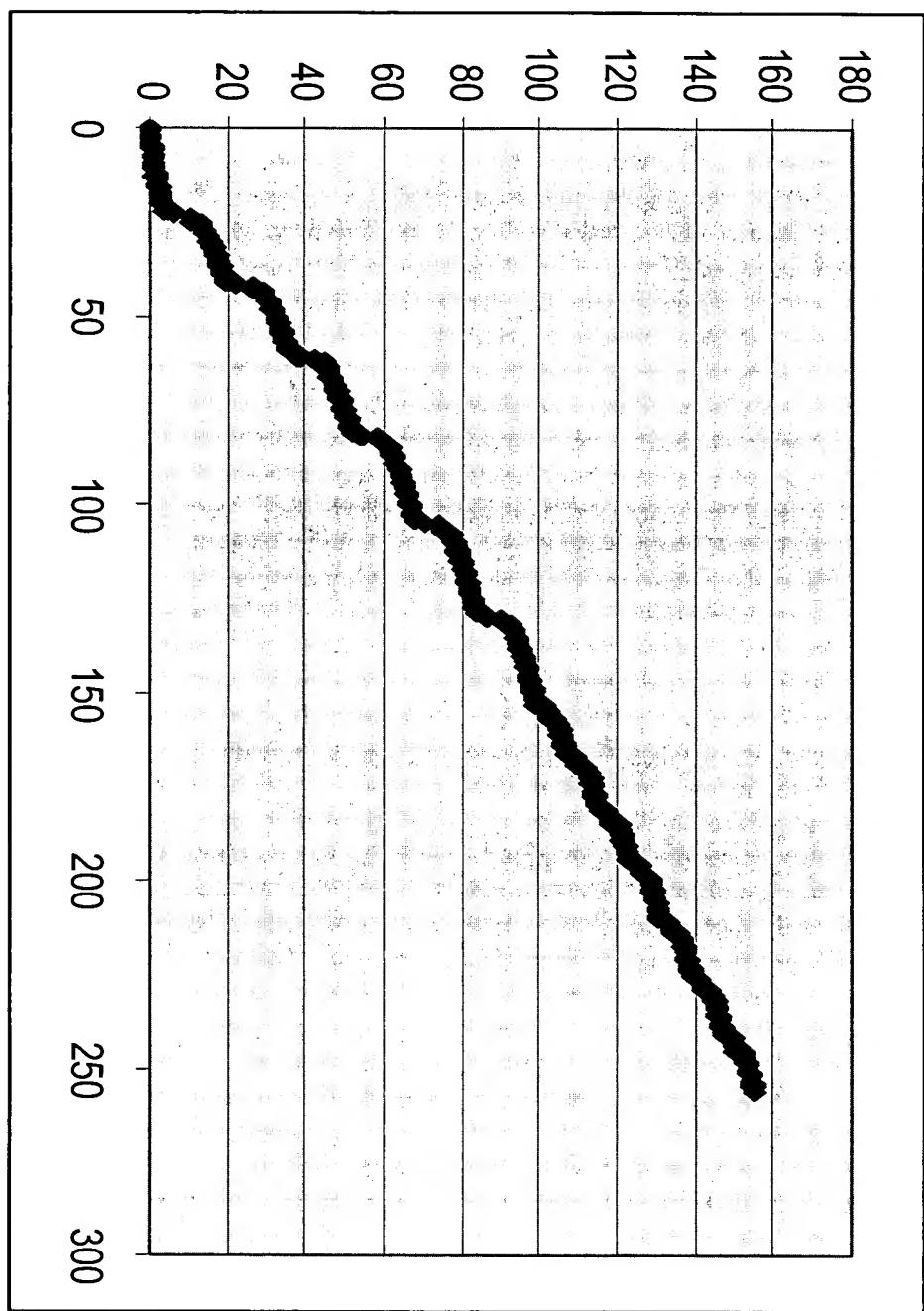
**Figure 5b**



**Figure 5c**

**Figure 5d**





**Figure 5e**

# Figure 6

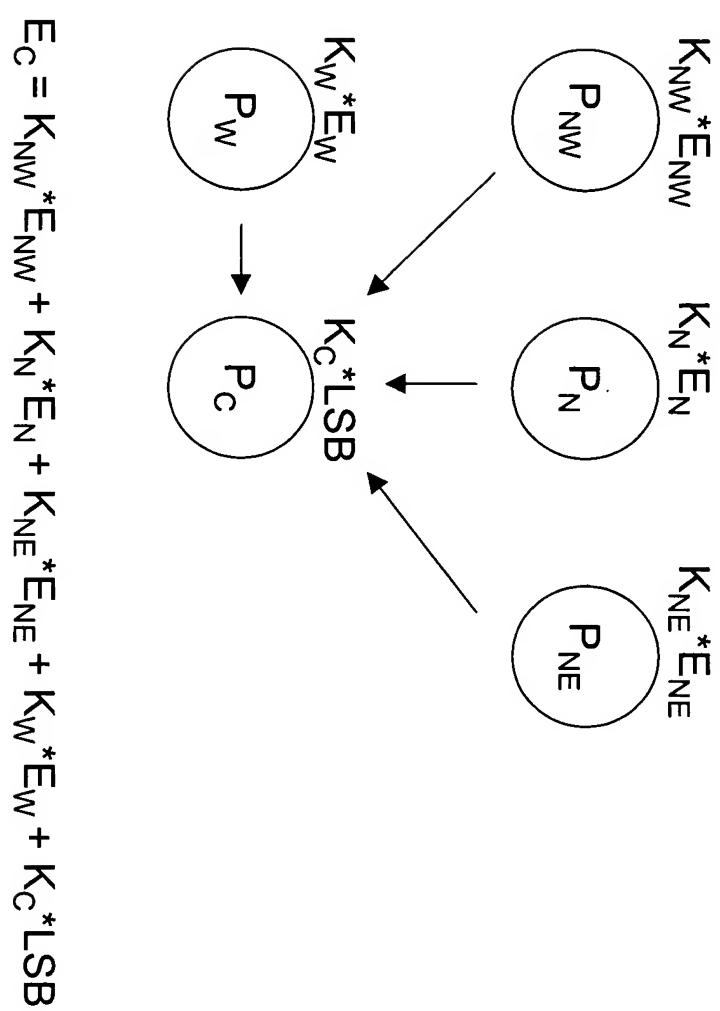
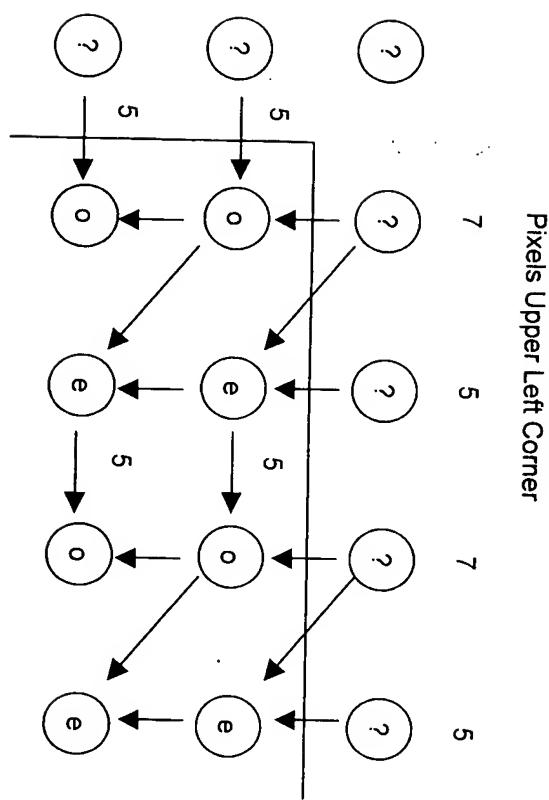
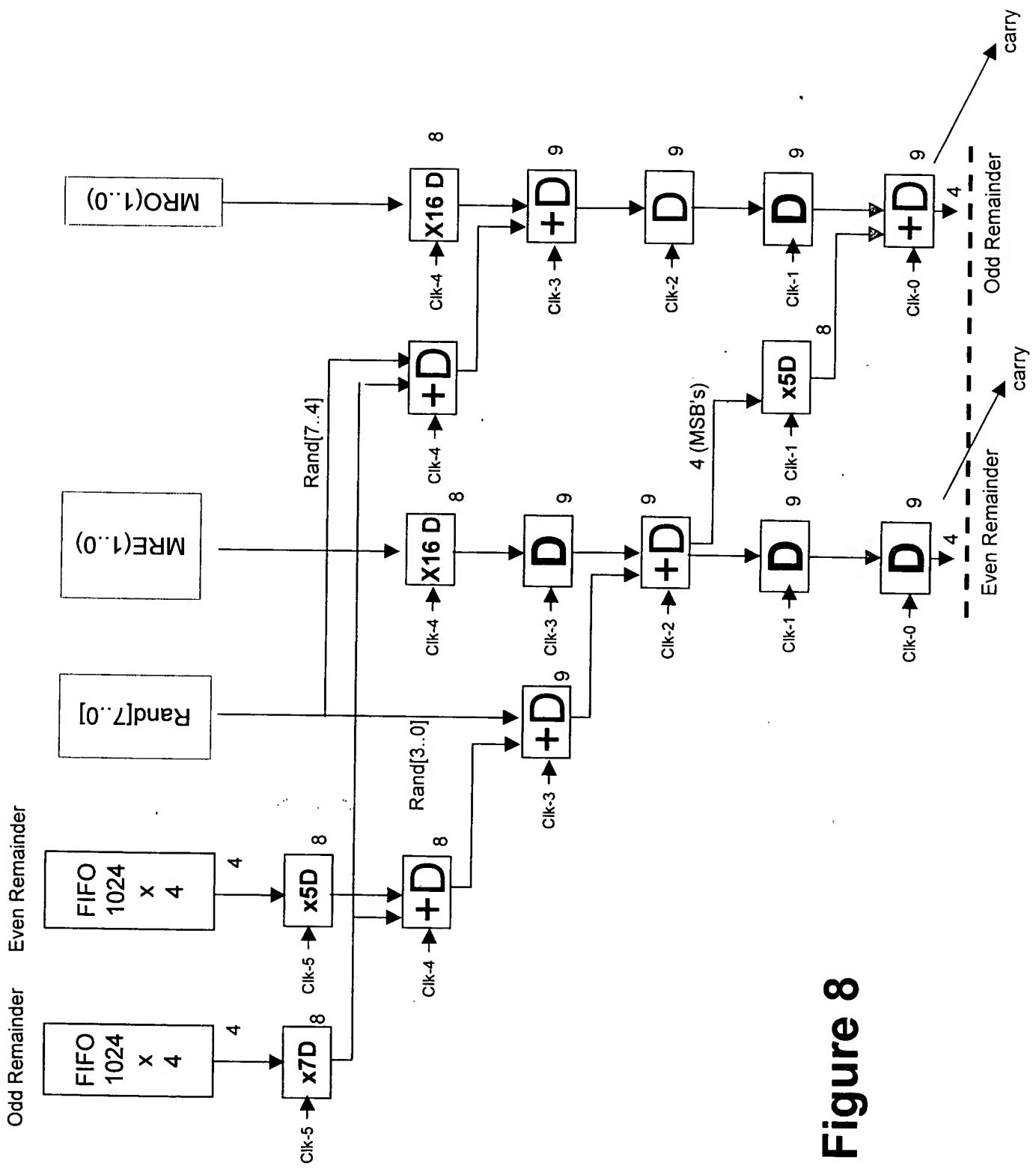


Figure 7





**Figure 8**

Frame 1

1	2
3	4

Frame 2

2	1
4	3

Frame 3

4	3
2	1

Frame 4

2	1
4	3

Repeat Frame 1

Figure 9a

Pixel Turn-On Order, Low Luminace Input

Frame 0	Frame 1	Frame 2	Frame 3
1 9 3 11	6 14 8 16	3 11 1 9	8 16 6 14
15 7 13 5	12 4 10 2	13 5 15 7	10 2 12 4
3 11 1 9	8 16 6 14	1 9 3 11	6 14 8 16
13 5 15 7	10 2 12 4	15 7 13 5	12 4 10 2

Figure 9b

Pixel Turn-On Order, High Input Luminace

Frame 0	Frame 1	Frame 2	Frame 3
1 14 2 13	7 12 8 11	1 14 2 13	7 12 8 11
16 3 15 4	10 5 9 6	16 3 15 4	10 5 9 6
8 11 7 12	2 13 1 14	8 11 7 12	2 13 1 14
9 6 10 5	15 4 16 3	9 6 10 5	15 4 16 3

Figure 9c

Pixel Turn-On Order, Low Input Luminace

Frame 0	Frame 1	Frame 2	Frame 3
8 3 6 4	5 1 8 4	6 4 8 3	8 4 5 1
1 5 2 7	3 6 2 7	2 7 1 5	2 7 3 6
6 4 8 3	8 4 5 1	8 3 6 4	5 1 8 4
2 7 1 5	2 7 3 6	1 5 2 7	3 6 2 7

Figure 9d

Pixel Turn-On Order, High Input Luminace

Frame 0	Frame 1	Frame 2	Frame 3
2 8 1 7	1 7 2 8	1 7 2 8	2 8 1 7
6 4 5 3	5 3 6 4	5 3 6 4	6 4 5 3
1 7 2 8	2 8 1 7	2 8 1 7	1 7 2 8
5 3 6 4	6 4 5 3	6 4 5 3	5 3 6 4

Figure 9e

## Dither Coefficient Lookup

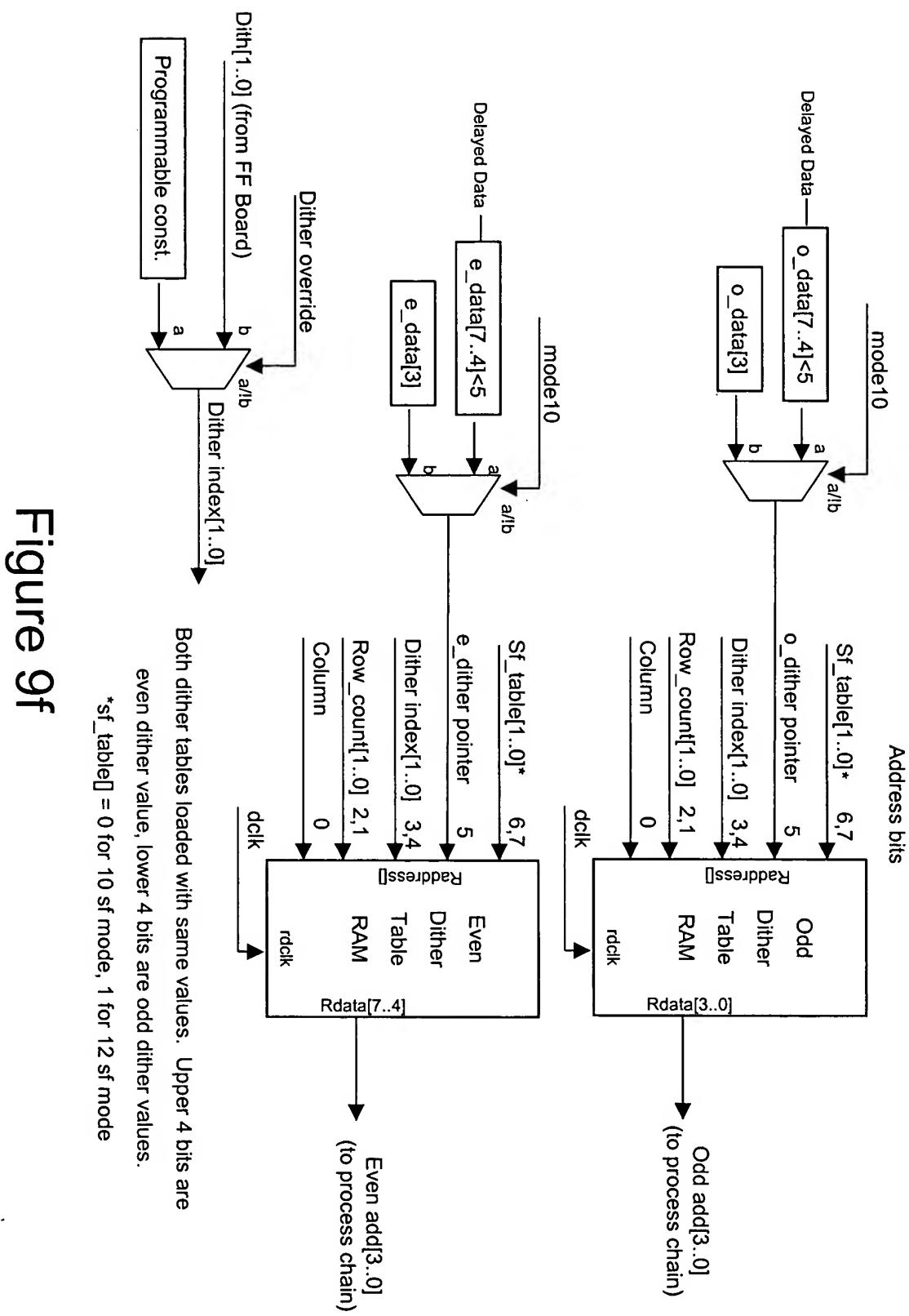


Figure 9f

### Light Pulse Min and Max APL

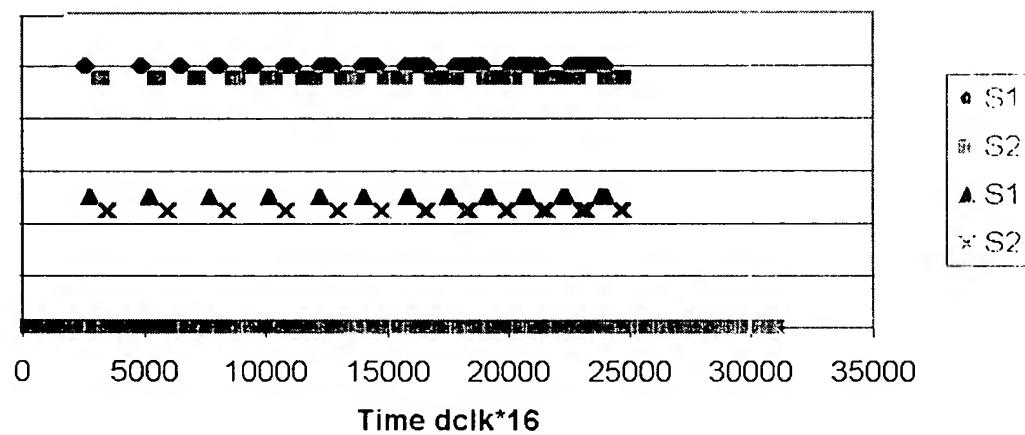


Figure 10

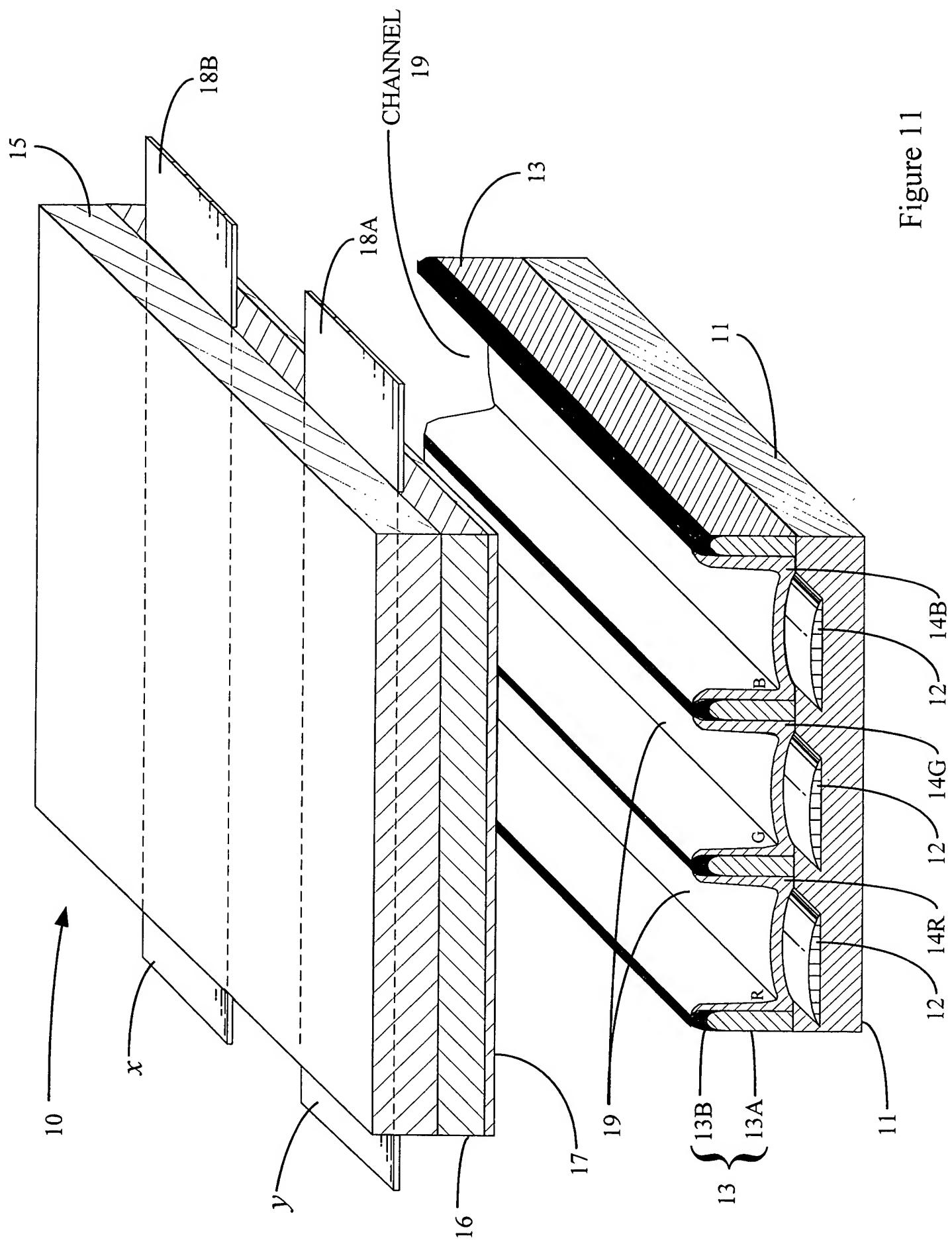
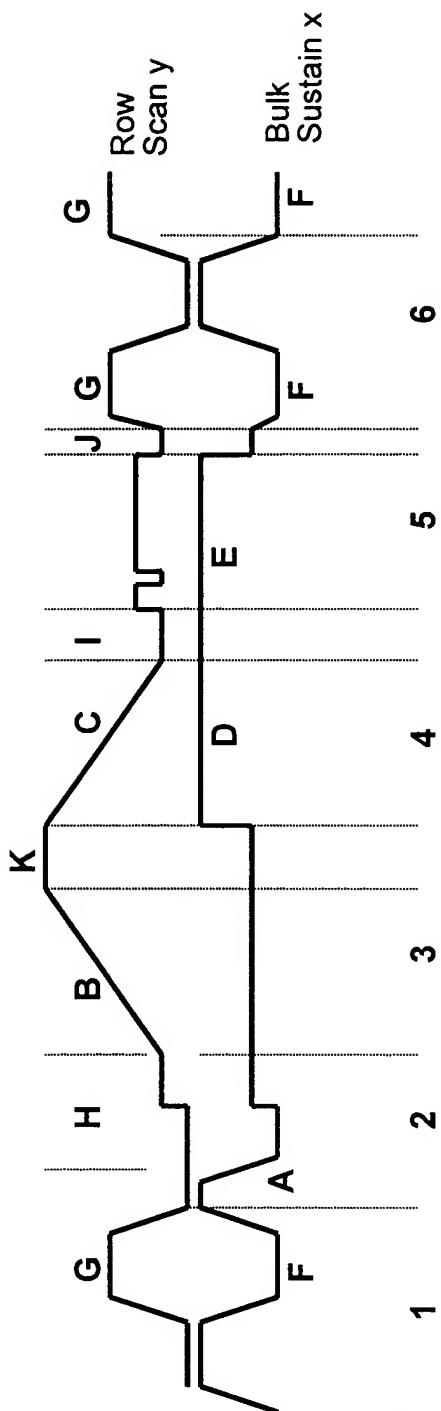


Figure 11



**SUSTAIN PHASE**  
**PRIMING PHASE FOR RAMP RESET**  
**UP RAMP RESET**  
**K-IDLE TIME BEFORE NEGATIVE RAMP RESET**  
**DOWN RAMP RESET**  
**I-IDLE TIME BEFORE ADDRESSING**  
**ADDRESSING**  
**J-IDLE TIME BEFORE SUSTAINING**  
**SUSTAIN PHASE**

1 2 3 4 5 6

Figure 12

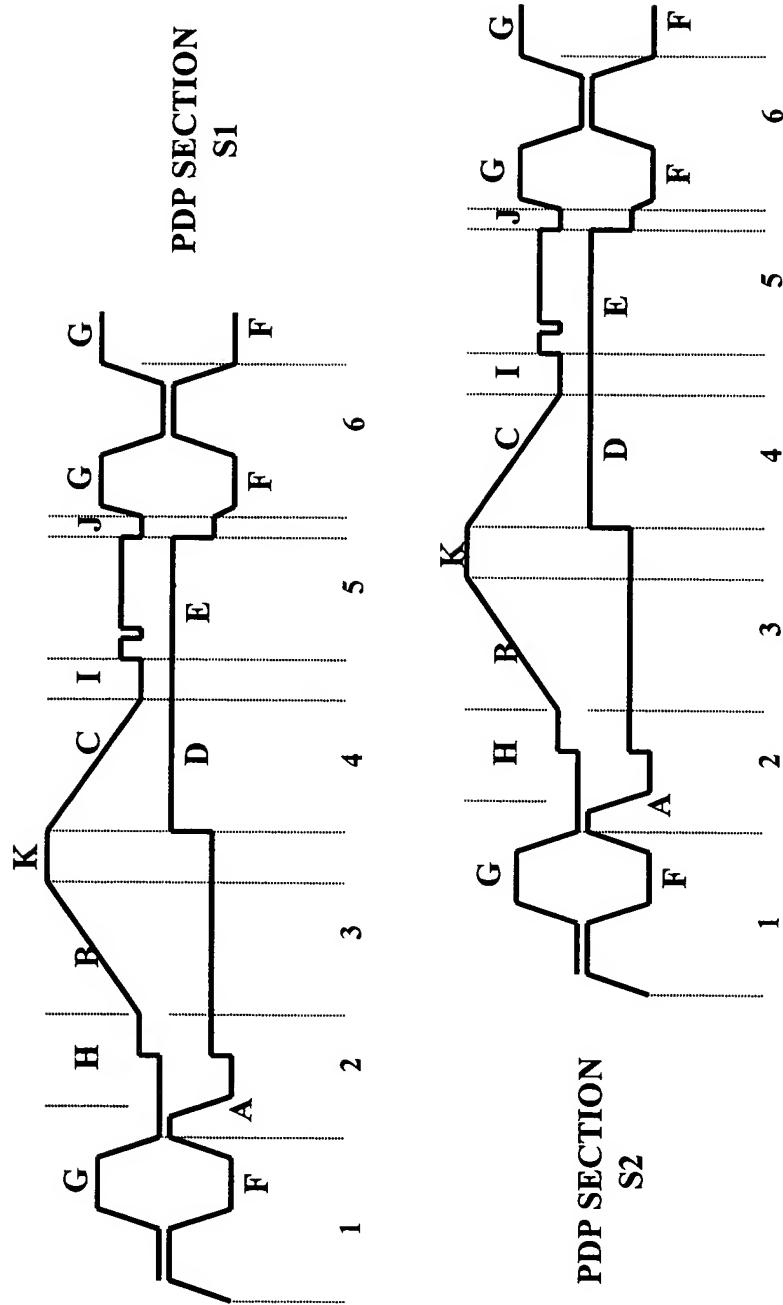


Figure 13

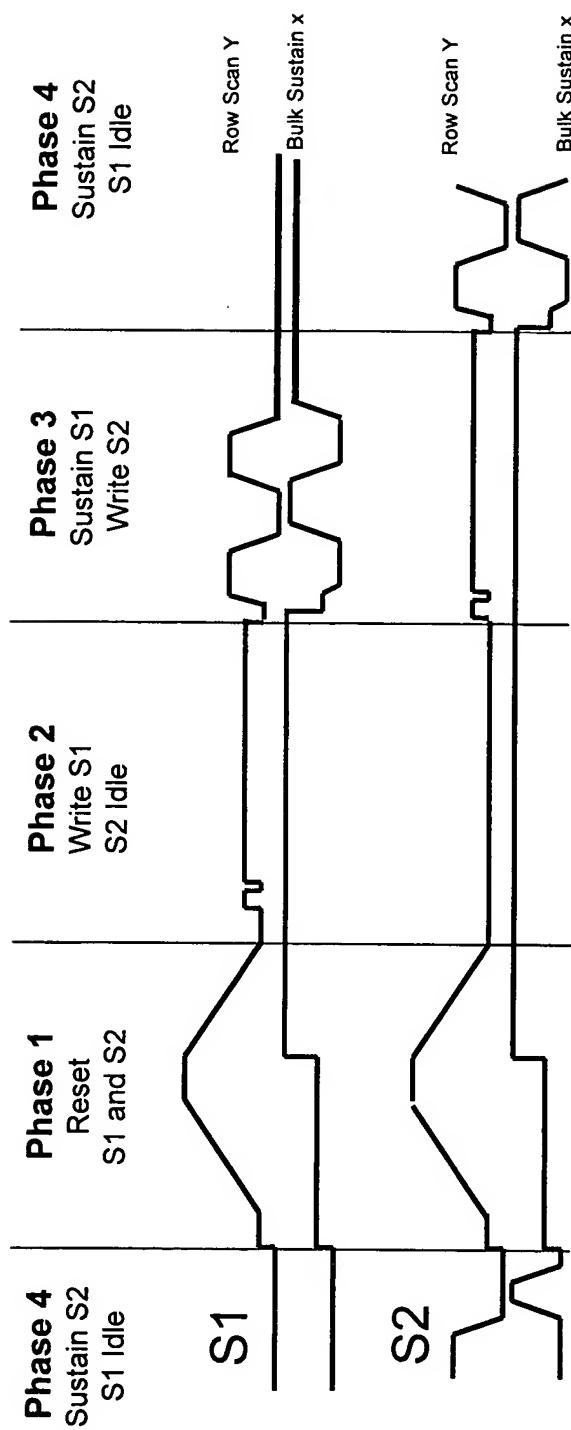


Figure 14

Figure 15

